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BOROUGH OF WALLSEND

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ANNUAL REPORT

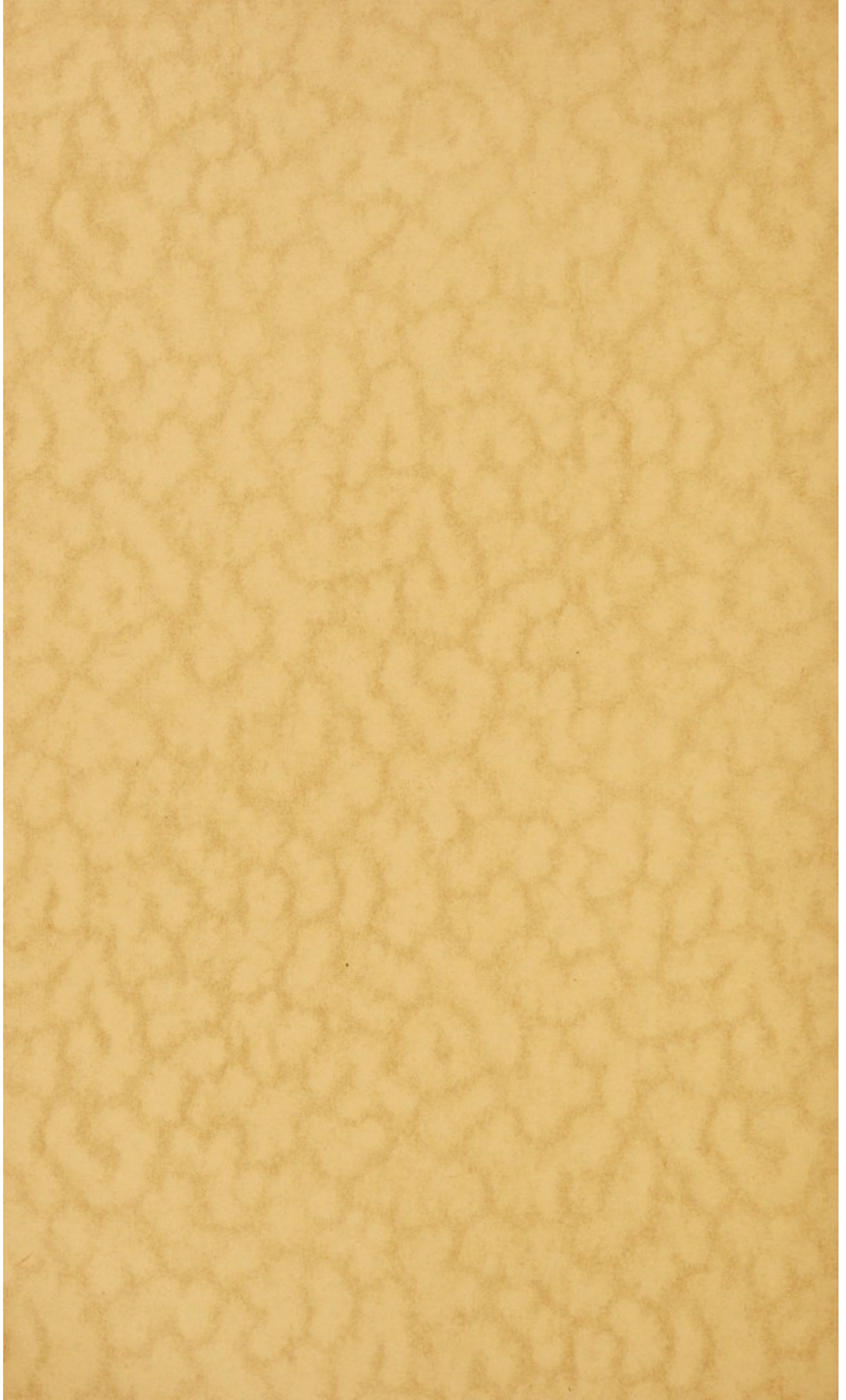
OF THE

MEDICAL OFFICER  
OF HEALTH

FOR THE YEAR

1959







BOROUGH OF WALLSEND

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ANNUAL REPORT

OF THE

MEDICAL OFFICER

OF HEALTH


FOR THE YEAR

1959

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BOROUGH OF WALLSEND

**SANITARY COMMITTEE**

---

*Chairman* : ALDERMAN J. A. McFADYEN.

*Vice-Chairman* : (ALDERMAN J. RICHARDSON, J.P.)

THE MAYOR.

ALDERMEN—

T. BLACK.

J. MULLARKEY.

J. A. McFADYEN.

J. RICHARDSON, J.P.

COUNCILLORS—

H. BELL.

P. J. KELLY.

P. CHUTE.

M. KINNON.

W. A. CONNOLLY.

J. R. LYNN.

G. ELAND.

J. H. McFADYEN.

J. GOLDBERG.

G. W. SHIELD.

E. HALLIBURTON.

W. SMITH.

J. R. HODGSON.

E. TURPIN.

**STAFF OF PUBLIC HEALTH DEPARTMENT.**

---

**Medical Officer of Health :**

G. McN. CUBIE, M.B., Ch.B., D.P.H.

**Assistant Medical Officer of Health :**

I. J. McLARTY, M.B., Ch.B.,

**Chief Public Health Inspector:**

STANLEY S. McINTYRE,

**Senior Assistant Public Health Inspector:**

J. A. MURPHY.

**Assistant Public Health Inspectors:**

W. J. BIRKETT.

C. F. DENNIS.

J. COSGROVE.

J. A. CADMAN (Pupil Public Health Inspector).  
(H. M. Forces from 7.5.59).

**Clerical Staff :**

*Chief Clerk* : W. MORRISON.      *Typist* : F. C. STEEL.

***Junior Clerks :***

J. B. GUTHERSON,

B. V. YOUNGER (Commenced 8th Oct., 1959).



HEALTH DEPARTMENT,  
TOWN HALL,  
WALLSEND.

August, 1960

Tel. No.: Wallsend 62-3274.

*To the Mayor, Aldermen and Councillors of the Borough of Wallsend.*

Your Worship, Ladies and Gentlemen,

I have the honour to submit the Annual Report on the health of the Borough of Wallsend for the year 1959. This report is prepared in accordance with the Ministry of Health's Circular 1/60 of the 8th January, 1960.

The population remained almost the same as in 1958; the Registrar-General's estimate being 49,950 compared with 49,980 in the previous year.

A slight rise in the Infant Mortality Rate was not unexpected. The figure of 23.38 per 1,000 live births in 1958 was unusually low for an industrial town such as Wallsend and 27.3 for 1959 does not compare too unfavourably with the national figure for England and Wales — 22.2. Nevertheless, no matter what the Infant Mortality Rate is, our endeavour must always be to keep on reducing it further. In this connection, it is very pleasant to be able to report that the establishment of the Northumberland County Council's Health Visitors in Wallsend was nearly full (eleven out of twelve). The work of the Health Visitors, in spreading health education in all homes in which there are babies and young children, is of the greatest importance in reducing ill-health and disease.

During 1959, there was a large outbreak of Measles — this was to be expected after the very small number of cases in 1958. Once again, fortunately, the majority of parents secured early treatment, and this, combined with the modern methods of treatment provided by the family doctors, prevented complications in most instances.

For the second year in succession, there were no cases of Poliomyelitis. It is probably safe to attribute this partly to the large number of children and young adults protected against the disease. As in the case of Diphtheria, it will continue to be most important to ensure that as many babies as possible are protected

at an early date. The policy at present is to begin injections at 3 months, a course of 3 injections being given at the 3rd, 4th and 5th months to protect against Diphtheria, Whooping Cough and Tetanus. This is followed by injections for Poliomyelitis at the 6th and 7th months, followed by vaccination against Smallpox before the end of the first year. The third injection for Poliomyelitis follows at the 14th month. After that parents are notified and advised of any "booster" injections required in later years.

Lest we be tempted to think that Tuberculosis is no longer a problem, it is as well to remember that there were 348 cases remaining on the register at the end of the year. Most of these people were not seriously ill and many of them working and leading normal lives : the numbers involved, however, emphasise the need to continue to realise that Tuberculosis is a problem for the whole community. With early diagnosis and modern treatment, the prospects are excellent. Full use of the facilities for chest X-rays and full participation in the B.C.G. Vaccination scheme for contacts and thirteen year olds are of the utmost importance.

The inspection of houses continued during 1959 in preparation for the final slum clearance enquiry of the present programme in the spring of 1960. It may seem strange to those not familiar with the matter, that there may be no further slum clearance areas in the near future. The fact is that Wallsend had made very good progress with re-housing before the war. Much of the criticism, which now remains of the older houses in Wallsend, is concerned with nearness to industry or the river, unattractive layout and lack of amenities such as baths. Many people consider that the time has come for a revision of the present standards by which a house is considered to be unfit.

Work began during 1959 on the initial survey of a proposed smoke control area involving between 800-900 houses in the area formed by the Coast Road, Churchill Street and the Tynemouth Boundary. With the wholehearted co-operation of the National Coal Board, it would seem that at last there was a definite improvement in the amount of nuisance from the burning spoil heap at the Rising Sun Colliery. The large conical heap was greatly reduced in height and improved water sprays reduced the amount of burning.

In the other matter of pollution of the River Tyne there was no progress to report during the year, although the technical committee appointed by the various Tyneside local authorities is continuing its work.

In conclusion, I would like to thank Dr. J. B. Tilley, the County Medical Officer for Northumberland, for giving me permission to include details of services administered by the County Council in Wallsend; Mr. S. S. McIntyre, Chief Public Health Inspector, and all the staff of the Health Department for their help; Mr. W. Morrison, Chief Clerk of the Health Department, for his work in preparing the figures for this report, and the Chairman and Members of the Sanitary Committee for their encouragement during the year.

I am,

Your obedient servant,

G. McN. CUBIE,  
Medical Officer of Health.

## SUMMARY OF STATISTICS—1959.

(1)	Population at 1951 Census	...	...	48,645
(2)	Population 1959, Registrar General's Est.			49,950
(3)	Area of Borough	...	...	3,543.993 acres
(4)	Live Births	...	...	952
(5)	Birth Rate (per 1,000 of the Estimated Resident Population)	...	...	19.06
	(Birth Rate adjusted by the comparability factor of 0.92)	...	...	17.53
(6)	Still-Births	...	...	22
(7)	Still-Birth Rate (per 1,000 Live and Still-Births)	...	...	22.6
(8)	Total Live and Still-Births	...	...	974
(9)	Infant Deaths	...	...	26
(10)	Infant Mortality Rate per 1,000 Live-Births—Total	...	...	27.3
	Infant Mortality Rate per 1,000 Live-Births—Legitimate	...	...	28.23
	Infant Mortality Rate per 1,000 Live-Births—Illegitimate	...	...	32.2
	Neo-Natal Mortality Rate per 1,000 Live-Births	...	...	12.6
(11)	Illegitimate live-births per cent of total Live-Births	...	...	3.25
(12)	Maternal deaths (including abortion)	...		—
(13)	Maternal Mortality Rate per 1,000 Live and Still-births	...	...	—
(14)	Total Deaths	...	...	502
(15)	Death Rate—All ages (per 1,000 of the Estimated Resident Population)	...		10.0
	Death Rate adjusted by the comparability factor of 1.36	...	...	13.6
(16)	Tuberculosis Death Rates (per 1,000 Population)			
	(a) All forms	...	...	0.06
	(b) Pulmonary	...	...	0.04
	(c) Non-Pulmonary	...	...	0.02
(17)	Number of Inhabited Houses at end of 31st March, 1960, (Estimated)	...	...	15,316
(18)	Rateable Value (at 31.3.60)	...	...	£610,468
(19)	Product of a penny rate	...	...	£2,553 15s. 5d.

Vital Statistics of Whole District during 1959  
and Previous Years.

Year	Population estimated to Middle of each Year.	Births.			Total deaths Registered in the District.		Transferable Deaths.		Net Deaths belonging to the District.			
		Uncorrected Number.	Net.		Number.	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 yr.		At all ages.	
			Number.	Rate.					Number.	Rate per 1,000 Net Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1913	43,700	1287	1297	29.7	571	13.1	5	93	154	119.5	659	15.1
1914	44,570	1396	1403	31.4	530	11.8	3	96	184	131.1	623	13.9
1915	45,700	1297	1305	28.6	640	14.0	5	105	168	128.7	740	16.2
1916	42,706	1287	1297	27.9	528	12.3	11	112	127	97.9	629	14.7
1917	43,358	1207	1207	24.9	619	14.2	—	63	151	125.1	682	15.7
1918	43,593	1314	1314	26.9	761	17.4	22	112	149	113.3	851	19.5
1919	43,689	1227	1227	26.9	618	14.1	19	123	164	133.6	722	16.5
1920	45,430	1457	1457	31.8	543	11.9	11	111	163	111.9	643	14.1
1921	43,880	1347	1393	31.7	529	12.5	4	95	154	110.5	620	14.1
1922	44,070	1101	1156	26.2	463	10.5	8	89	107	92.6	544	12.3
1923	45,030	1115	1211	26.8	423	9.3	7	94	96	79.2	510	11.3
1924	45,480	1030	1089	23.9	455	10.0	5	119	100	91.8	569	12.5
1925	45,620	1007	1068	23.4	482	10.5	5	148	116	108.6	625	13.7
1926	45,080	1008	1029	22.8	391	8.6	4	141	65	63.1	528	11.7
1927	45,730	933	945	20.6	478	10.4	9	140	81	85.7	609	13.2
1928	44,440	928	951	21.4	398	8.9	5	157	79	83.07	550	12.4
1929	44,800	894	900	20.09	432	9.6	9	176	85	94.4	599	13.4
1930	44,800	886	882	19.68	347	7.7	8	152	64	72.5	491	10.9
1931	44,870	933	885	19.71	458	10.2	7	139	76	85.9	590	13.1
1932	44,340	832	759	17.0	375	8.5	10	125	61	80.3	500	11.3
1933	43,950	815	717	16.3	370	8.6	6	147	56	78.1	511	11.6
1934	43,660	868	768	17.5	380	8.7	12	146	60	78.1	514	11.7
1935	43,660	899	711	16.2	347	7.9	9	172	48	66.1	510	11.6
1936	43,640	925	711	16.29	362	8.2	5	157	56	78.7	514	11.7
1937	43,850	994	726	16.5	383	8.7	8	167	53	71.6	542	12.3
1938	43,970	973	736	16.7	408	9.3	17	154	63	85.5	545	12.4
1939												
(a)	45,220	932	781	17.27	374	8.3	22	160	44	56.9	512	11.49
(b)	44,430											
1940	43,540	899	863	19.8	444	10.2	18	153	45	52.1	579	13.3
1941	43,890	805	847	19.2	473	10.7	27	193	77	90.9	639	14.5
1942	43,420	814	855	19.7	404	9.3	26	116	66	77.1	494	11.3
1943	43,040	878	893	20.7	412	9.5	19	172	69	77.2	565	13.1
1944	43,960	1034	1065	24.2	501	11.1	21	156	63	59.1	526	11.9
1945	44,240	1061	875	19.77	400	9.04	22	144	54	61.7	522	11.8
1946	46,410	1209	1058	22.79	398	8.57	12	170	66	62.3	556	11.9
1947	46,980	1252	1157	24.62	419	8.91	14	146	61	52.7	551	11.7
1948	48,270	1246	1061	21.98	424	8.7	33	146	58	54.6	537	11.1
1949	48,830	1160	1013	20.74	448	9.1	31	147	45	44.4	564	11.55
1950	48,860	908	922	18.87	457	9.3	19	143	34	36.8	581	11.89
1951	48,570	1197	898	18.48	419	8.6	13	140	36	40.0	546	11.24
1952	48,790	1254	930	19.06	416	8.5	34	121	26	28.0	503	10.31
1953	49,130	1008	1003	20.4	408	8.3	19	120	48	47.8	509	10.4
1954	49,280	976	973	19.7	449	9.1	23	127	31	31.9	552	11.2
1955	49,440	941	949	19.2	413	8.3	23	126	26	27.4	516	10.44
1956	49,560	1050	1028	20.7	372	7.5	26	138	27	26.2	484	9.77
1957	49,830	989	1010	20.27	391	7.8	31	163	27	26.73	524	10.51
1958	49,980	922	941	18.8	445	8.09	42	158	22	23.38	561	11.2
1959	48,950	920	952	19.06	395	7.9	46	153	26	27.3	502	10.0

BIRTH RATES, CIVILIAN DEATH-RATES, AND  
CASE-RATES FOR CERTAIN INFECTIOUS DISEASES  
IN THE YEAR 1959

	England and Wales	Wallsend
<b>Live Births :</b>		
Number ... ..	750,383	952
Rate per 1000 population ... ..	16.5	19.06
Illegitimate Live Births per cent of total live births ... ..	5.08	3.25
<b>Stillbirths :</b>		
Number ... ..	16,076	22
Rate per 1000 total live and still births ...	21.0	22.6
Total Live and Still Births ... ..	766,459	974
Infant Deaths (deaths under 1 year) ... ..	16,629	26
<b>Infant Mortality Rates :</b>		
Total Infant deaths per 1000 total live births	22.2	27.3
Legitimate infant deaths per 1000 legitimate live births ... ..	—	27.14
Illegitimate infant deaths per 100 illegitimate live births ... ..	—	32.2
Neo-natal Mortality Rate (deaths under 4 weeks per 1000 total live births) ... ..	15.8	12.6
Early Neo-natal Mortality Rate (deaths under 1 week per total live births) ... ..	—	7.35
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1000 total live and still births) ... ..	34.2	29.8
<b>Maternal Mortality (including abortion) :</b>		
Number of deaths ... ..	75	—
Rate per 1000 total live and still births ...	0.09	—
<b>Deaths (all ages) :</b>		
Number ... ..	527,648	502
Death Rate per 1000 Home Population ...	11.6	10.0

**CERTAIN INFECTIOUS DISEASES**

	England and Wales	Wallsend	England and Wales	Wallsend
			Rates per 1,000 Home Population	
Scarlet Fever ... ..	47,889	11	1.05	0.22
Diphtheria ... ..	103	—	0.002	—
Typhoid & Paratyphoid Fever	495	—	0.01	—
Erysipelas ... ..	3,200	5	0.07	0.1
Pneumonia ... ..	26,789	16	0.59	0.32
Dysentery ... ..	35,600	—	0.79	—
Meningococcal Infections	745	—	0.016	—
<b>Poliomyelitis :</b>				
Paralytic ... ..	733	—	0.016	—
Non-Paralytic ... ..	289	—	0.006	—
Acute Encephalitis ... ..	278	—	0.006	—
Whooping Cough ... ..	33,211	58	0.73	1.16
Measles ... ..	539,207	1234	11.9	24.7
<b>Tuberculosis :</b>				
Respiratory ... ..	24,499	30	0.54	0.6
Other forms ... ..	2,881	2	0.06	0.04
Food Poisoning ... ..	9,992	1	0.22	0.02

The following table shows the classification of deaths from all causes (Registrar-General's figures) :—

CAUSES OF DEATH.								MALES	FEMALES
ALL CAUSES	...	...	...	...	...	...	...	298	204
1	Tuberculosis, respiratory	...	...	...	...	...	...	0	2
2	Tuberculosis, other	...	...	...	...	...	...	0	1
3	Syphilitic disease	...	...	...	...	...	...	0	0
4	Diphtheria	...	...	...	...	...	...	0	0
5	Whooping Cough	...	...	...	...	...	...	0	1
6	Meningococcal infections	...	...	...	...	...	...	0	0
7	Acute Poliomyelitis	...	...	...	...	...	...	0	0
8	Measles	...	...	...	...	...	...	0	0
9	Other infective and parasitic diseases	...	...	...	...	...	...	0	0
10	Malignant neoplasm, stomach...	...	...	...	...	...	...	12	5
11	Malignant neoplasm, lung, bronchus	...	...	...	...	...	...	29	1
12	Malignant neoplasm, breast	...	...	...	...	...	...	0	6
13	Malignant neoplasm, uterus	...	...	...	...	...	...	0	1
14	Other malignant and lymphatic neoplasms	...	...	...	...	...	...	19	12
15	Leukaemia, aleukaemia	...	...	...	...	...	...	1	0
16	Diabetes	...	...	...	...	...	...	0	4
17	Vascular lesions of nervous system	...	...	...	...	...	...	36	31
18	Coronary disease, angina	...	...	...	...	...	...	48	30
19	Hypertension with heart disease	...	...	...	...	...	...	5	7
20	Other heart diseases	...	...	...	...	...	...	27	30
21	Other circulatory diseases	...	...	...	...	...	...	14	11
22	Influenza	...	...	...	...	...	...	2	2
23	Pneumonia	...	...	...	...	...	...	14	14
24	Bronchitis	...	...	...	...	...	...	38	14
25	Other diseases of respiratory system	...	...	...	...	...	...	2	2
26	Ulcer of stomach and duodenum	...	...	...	...	...	...	2	3
27	Gastritis, enteritis and diarrhoea	...	...	...	...	...	...	1	2
28	Nephritis and nephrosis	...	...	...	...	...	...	3	1
29	Hyperplasia of prostate	...	...	...	...	...	...	4	0
30	Pregnancy, childbirth, abortion	...	...	...	...	...	...	0	0
31	Congenital malformations	...	...	...	...	...	...	1	2
32	Other defined and ill-defined diseases	...	...	...	...	...	...	21	16
33	Motor vehicle accidents	...	...	...	...	...	...	3	0
34	All other accidents	...	...	...	...	...	...	8	4
35	Suicide	...	...	...	...	...	...	7	2
36	Homicide and operations of war	...	...	...	...	...	...	1	0

Although there is substantial agreement between the Registrar-General's classification and the local tabulation, discrepancy sometimes arises owing to modification in the light of further information obtained by the Registrar General's enquiries in indefinite cases.

## CHIEF CAUSES OF MORTALITY DURING THE YEAR.

	<i>No. of Deaths.</i>	<i>Percentage of total Deaths.</i>
Heart Disease ... ..	147	29.28
Vascular Lesions of Nervous System ...	67	13.34
Cancer... ..	85	16.93
Pneumonia ... ..	28	5.58
Bronchitis ... ..	52	10.36
Other circulatory diseases ... ..	25	4.98
Other defined and ill-defined diseases ...	37	7.37
All other accidents ... ..	12	2.39
Suicide ... ..	9	1.79

The following table shows the number of infant deaths and infant mortality rates for each of the municipal wards :—

INFANT DEATHS AND INFANT MORTALITY RATES  
IN EACH WARD FOR 1959.

WARDS.	Births. Assigned to Wards.	Deaths. under 1 year.	Death rate per 1,000 Births.
Northumberland ... ..	80	4	50.0
Wallsend ... ..	78	1	12.82
Carville ... ..	117	2	17.1
Buddle ... ..	50	3	60.0
Holy Cross ... ..	106	5	47.2
Hadrian ... ..	115	1	8.7
Willington ... ..	93	2	21.5
Willington Quay ... ..	116	3	25.86
Howdon ... ..	165	5	30.3
Totals ... ..	920	26	28.26



Causes of, and Ages at, Death during the year 1959.

CAUSES OF DEATH.	All Ages	under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	65 to 74	75 & upwards	Northumbria	WallSEND	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon	TOTALS	
																			502	52
(1) Tuberculosis, respiratory	2	...	...	1	1	1	1	...	...	1	1	...	...	...	...	1	...	...	...	52
(2) Tuberculosis, other	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	58
(3) Syphilitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	50
(4) Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62
(5) Whooping Cough	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	69
(6) Meningococcal Infection	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	57
(7) Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47
(8) Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55
(9) Other Infective and Parasitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52
(10) Malignant Neoplasm, stomach	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	169
(11) " " lung, bronchus	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	122
(12) " " breast	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	148
(13) " " uterus	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
(14) Other Malignant and Lymphatic Neoplasms	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
(15) Leukaemia, Aleukaemia	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
(16) Diabetes	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
(17) Vascular Lesions of Nervous System	67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
(18) Coronary Disease, Angina	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
(19) Hypertension with Heart Disease	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
(20) Other Heart Disease	57	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
(21) Other Circulatory Diseases	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
(22) Influenza	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
(23) Pneumonia	28	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
(24) Bronchitis	52	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
(25) Other Diseases of Respiratory System	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	502
(26) Ulcer of Stomach and Duodenum	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52
(27) Gastritis, Enteritis and Diarrhoea	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	169
(28) Nephritis and Nephrosis	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	122
(29) Hyperplasia of Prostate	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	148
(30) Pregnancy, Childbirth, Abortion	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
(31) Congenital Malformations	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
(32) Other Defined and Ill-defined Diseases	37	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
(33) Motor Vehicle Accidents	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
(34) All Other Accidents	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
(35) Suicide	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
(36) Homicide and Operations of War	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1



Infantile Mortality during the Year 1959.

CAUSES OF DEATH.	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 1 mth	1 to 3 mths.	3 to 6 mths.	6 to 9 mths.	9 to 12 mths.	Total Deaths under 1 year	Northumb-berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
	Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chickenpox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebrospinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Convulsions ...	...	...	...	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...
Cerebral Haemorrhage ...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Bronchitis ...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...
Pneumonia (all forms) ...	...	...	...	...	...	1	2	1	2	6	2	1	...	1	...	...	1	1	2
Other Respiratory Diseases ...	...	...	...	...	1	...	1	...	...	2	1	...	1	...	...	...	...	...	...
Gastritis, Enteritis & Diarrhoea ...	1	...	1	...	2	...	1	...	...	3	...	...	1	...	...	...	...	...	1
Other Infective and Parasitic Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Digestive Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nephritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, Overlying ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1
Atelectasis ...	2	...	...	...	2	...	...	...	...	2	...	...	...	1	1	...	...	...	...
Congenital Malformations ...	...	1	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Birth Injury ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Premature Birth ...	2	...	...	...	2	...	...	...	...	2	...	...	...	...	...	1	...	...	...
Atrophy, Debility and Marasmus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Violent and Accidental Deaths ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Defined and Ill-defined Diseases ...	2	1	...	...	3	1	1	...	1	6	...	1	1	...	3	...	1	...	...
<b>TOTALS ...</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>...</b>	<b>12</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>26</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>

## TUBERCULOSIS.

Statement of particulars appearing in the Register of Notification of cases of tuberculosis for the year 1959 :—

	PULMONARY.			NON-PULMONARY.			Pulmonary and Non-Pulmonary Total.
	Males	Females	Total	Males	Females	Total	
(1) Number of cases of Tuberculosis on the Register at the commencement of the year	174	128	302	23	28	51	353
(2) Number of cases notified under the Regulations for the first time during the year	19	11	30	1	1	2	32
(3) Number of cases added to the Register otherwise than by notification (including transferred cases ... ..)	9	4	13	...	...	...	13
(4) Number of cases removed from the Register during the year ...	18	28	46	1	3	4	50
(5) Number of cases remaining on the Register at the end of the year ... ..	184	116	300	23	26	49	349

## NEW CASES AND MORTALITY DURING 1959.

AGE-PERIODS	NEW CASES.				DEATHS. OLD AND NEW CASES.			
	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 1 year	...	...	...	...	...	...	...	...
1 to 4 years	...	1	...	...	...	...	...	...
5 to 9 "	...	...	...	...	...	...	...	...
10 to 14 "	...	...	...	...	...	...	...	1
15 to 19 "	1	3	...	...	...	...	...	...
20 to 24 "	1	3	...	1	...	...	...	...
25 to 34 "	7	2	...	...	...	...	...	...
35 to 44 "	3	1	1	...	...	1	...	...
45 to 54 "	5	...	...	...	...	...	...	...
55 to 64 "	2	1	...	...	1	...	...	...
65 to 74 "	...	...	...	...	...	...	...	...
75 & upwards	...	...	...	...	...	...	...	...
TOTALS ...	19	11	1	1	1	1	...	1

	Pulmonary Tuberculosis					Non-Pulmonary Tuberculosis.				
	1955	1956	1957	1958	1959	1955	1956	1957	1958	1959
No. of Cases Notified ...	49	34	35	43	30	9	10	7	4	2
Attack Rate per 1,000 Population ...	0.99	0.69	0.7	0.86	0.6	0.18	0.20	0.14	0.08	0.04
No. of Deaths ...	9	6	8	8	2	...	1	...	...	1
Death Rate per 1,000 Population ...	0.18	0.12	0.16	0.16	0.04	...	0.02	...	...	0.02

## SMALLPOX.

The following table shows the number of primary vaccinations carried out by General Practitioners, during 1923—1959.

	No. of BIRTHS	No. OF VACCINATIONS.	PERCENTAGE OF VACCINATIONS TO BIRTHS.
1923 ...	1211	701	57.9
1924 ...	1089	672	61.7
1925 ...	1068	659	61.7
1926 ...	1029	759	73.7
1927 ...	945	642	67.9
1928 ...	951	566	59.5
1929 ...	900	472	52.4
1930 ...	882	314	35.6
1931 ...	885	514	58.07
1932 ...	759	464	61.0
1933 ...	717	309	43.09
1934 ...	768	339	44.2
1935 ...	711	253	35.3
1936 ...	711	341	47.6
1937 ...	726	324	44.6
1938 ...	736	234	31.8
1939 ...	781	266	34.1
1940 ...	863	332	38.1
1941 ...	847	406	47.9
1942 ...	855	460	53.8
1943 ...	893	437	48.9
1944 ...	1065	497	46.6
1945 ...	875	598	68.3
1946 ...	1058	590	55.7
1947 ...	1157	721	62.3
1948 ...	1061	312	29.4
1949 ...	1013	211	20.8
1950 ...	922	277	30.0
1951 ...	898	275	30.6
1952 ...	930	424	45.6
1953 ...	1003	276	27.5
1954 ...	973	345	35.5
1955 ...	949	265	28.0
1956 ...	1028	301	29.28
1957 ...	1010	344	34.06
1958 ...	941	319	33.9
1959 ...	952	406	42.64

### LABORATORY WORK.

During the year the examination of all bacteriological specimens was undertaken by the Public Health Laboratory, General Hospital, Newcastle upon Tyne.

### SOCIAL CONDITIONS.

*Employment.*—During the year there were 632 people registered as unemployed in the Borough out of a total insured population of 27,493.

#### (1) STATEMENT OF NUMBERS OF INSURED PERSONS REGISTERED AS UNEMPLOYED.

*Local Office : Wallsend.*

*Date : 7th December, 1959.*

<i>Men</i>	<i>Women</i>	<i>Young Men</i>	<i>Young Women</i>	<i>Total</i>
504	111	13	4	632

#### (2) INSURED EMPLOYEES (OFFICIAL ESTIMATE AS AT JUNE, 1959).

<i>Males, age 15 and over</i>	<i>Females, age 15 and over</i>	<i>Total</i>
21,392	6,101	27,493

The following table, taken from the County of Northumberland Development Plan, gives details of the occupations in the Wallsend and Willington Quay Employment Exchange areas. These areas do not correspond exactly with the boundaries of the Borough of Wallsend.

#### MINISTRY OF LABOUR EMPLOYMENT EXCHANGE AREAS.

STANDARD INDUSTRIAL CLASSIFICATION	<i>Great Britain</i> %	<i>Wallsend</i> %	<i>Willington Quay</i> %
1 Agriculture, Forestry, Fishing ...	4.64	0.23	0.69
2 Mining and Quarrying ...	4.27	6.57	0.02
3 Treatment of Non-Metaliferous Mining Products ...	1.51	2.27	1.13
4 Chemical and Allied Trades ...	2.09	0.04	0.12
5 Metal Manufacture ...	2.45	0.01	4.66
6 Engineering, Shipbuilding and Electrical Goods ...	9.03	64.42	17.11
7 Vehicles ...	4.33	0.11	0.30
8 Metal Goods ...	2.43	1.22	9.54
9 Precision Instruments, Jewellery, etc.	0.61	0.01	Nil.
10 Textiles ...	4.61	0.08	23.90
11 Leather, Leather Goods and Fur ...	0.39	0.04	0.02
12 Clothing ...	3.07	0.13	0.05
13 Food, Drink, Tobacco ...	3.42	0.91	0.32
14 Wood and Cork Manufacturing ...	1.33	0.08	11.06
15 Paper and Printing ...	2.27	0.09	Nil
16 Other Manufacturing Industries ...	1.22	0.01	1.36
17 Building and Contracting ...	6.78	2.17	5.43
18 Gas, Electricity and Water Supply ...	1.45	1.68	3.83
19 Transport and Communication ...	8.72	2.28	8.34
20 Distributive Trades ...	10.52	5.78	5.47
21 Insurance, Banking and Finance ...	2.05	0.42	0.09
22 Public Administration ...	7.19	3.33	0.72
23 Professional Services ...	5.69	2.73	1.20
24 Miscellaneous Services ...	9.44	5.31	4.43
25 Ex-Service and others unclassified ...	0.49	0.08	0.21

## WATER.

The area is served by the Newcastle & Gateshead Water Company, who maintain a plentiful and wholesome supply throughout the year.

The service is adequate and satisfactory.

To ensure the maintenance of a high standard, regular chemical and bacteriological tests are made, and sources of impurities dealt with.

The Company invariably readily investigate any complaint, and effect a remedy.

To conserve the domestic supply in summer time, water is available from other sources for street watering, industrial uses, etc.

A proportion of the older dwelling houses in the Borough have the service pipes only laid into the yard.

When the shortage of houses becomes less urgent these houses will be dealt with either in Slum Clearance Schemes or the Owners will be requested to carry out works of reconstruction.

The following report was received from W. Gordon Carey, F.I.C., Public Analyst, Newcastle, on a sample of water taken on the 23rd September, 1959, from a dwelling house in the Borough.

CHEMICAL RESULTS.	Parts per Million
Total Solids dried at 180°C. ... ..	190
Chlorine as chlorides ... ..	16
Free Ammonia ... ..	Trace
Albuminoid Ammonia ... ..	0.08
Nitrogen as nitrates ... ..	0.60
Oxygen absorbed (4 hours at 80°F.)	2.3
Total Hardness ... ..	139
Non-carbonate Hardness ... ..	54
Carbonate Hardness ... ..	85
Lead and Copper ... ..	None
Iron ... ..	0.1
Appearance and Colour ... ..	(Hazen degrees 10) Clear and ex. pale yellow
Smell and Taste ... ..	Satisfactory.
Microscopical examination of deposit	Satisfactory.
pH value ... ..	6.9

## BACTERIOLOGICAL RESULTS.

Number of bacteria per millilitre (ml)

Visible on agar after 48 hours incubation at 37°C. ....8

Visible on gelatine after 72 hours incubation at 21°C. ....3

Coliform Organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37°C.—

0.1 ml. of sample — 10 mls. of sample, absent.

1.0 ml. of sample, absent 100 mls. of sample, absent.

Confirmatory tests for Bacillus Coli. on 1 ml.

Indol Production — Voges Proskauer (V.P.) —

Methyl Red (M.R.) — Citrate Test —

## REPORT —

This sample of water is of very satisfactory organic purity and this opinion is borne out by the excellent bacteriological results.

The water is clear, almost colourless and is free from taste or odour.

I am of the opinion that the water is suitable for a Public Supply.

(Signed) W. GORDON CAREY.

## CLOSET ACCOMMODATION.

The following statement shows the existing sanitary accommodation in the district :—

The entire district is served by the water carriage system with the exception of 9 Privy Ashpits which are confined to out-lying farm properties where sewage facilities are not available.

## DRAINAGE AND SEWERAGE.

No new lengths of sewer have been laid during the year.

During the year 1033 choked drains were cleared. No charge is made for this service.

## SANITARY INSPECTION OF THE AREA.

*Removal of Nuisances.*—The various nuisances and other similar conditions dealt with under the Public Health Acts are set out in the following table :—

	Informal Notices.		Statutory Notices.	
	Nuisances	Nuisances Abated	Nuisances	Nuisances Abated
Ash Receptacles, to provide ... ..	34	16	13	10
Drains, defective to repair ... ..	5	4	...	...
Dirty houses, to cleanse ... ..	...	...	...	...
Offensive accumulations, to remove ... ..	...	...	...	...
Roofs, to repair ... ..	...	...	...	...
Spouting to repair ... ..	...	...	...	...
Vermin infested houses ... ..	...	...	...	...
Water closet fittings (basins, etc. def.) ... ..	...	...	...	...
Water supply, to provide ... ..	2	2	...	1
Ceilings to repair ... ..	...	...	...	...
Windows (woodwork) to repair ... ..	...	...	...	...
Windows (sashcords) to renew ... ..	...	...	...	...
Floors to repair or ventilate ... ..	...	...	...	...
Range, Kitchen, to repair ... ..	...	...	...	...
Chimneys, to repair or rebuild ... ..	...	...	...	...
Scullery sink trap, to repair ... ..	1	3	...	1
Walls (internal) to repair ... ..	...	...	...	...
Walls (external) to repair ... ..	...	...	...	...
Outbuildings, to repair... ..	...	...	...	...
Stairs (external) to repair ... ..	...	...	...	...
Doors, to repair ... ..	...	...	...	...
Miscellaneous ... ..	...	...	...	...
Yard Surface, to repair ... ..	...	...	...	...
Number of Nuisances ... ..	42	25	13	12



During the year 42 informal notices were served and 25 received attention.

13 statutory notices were served and 10 received attention.

The nuisances abated include work done on notices served in the previous year.

### SECTION 9, HOUSING ACT, 1957.

	Informal Notices.		Statutory Notices.	
	Defects Discovered	Defects Remedied	Defects Discovered	Defects Remedied
Ceilings, to repair ... ..	15	7	7	5
Chimneys, to repair or re-build ...	6	2	...	...
Doors, to repair ... ..	65	20	27	13
Drains defective, to repair or reconstruct ... ..	8	10	8	2
Fireplaces (fire bars, etc.) to repair ...	1	1	1	1
Fireplaces (brickwork) to repair ...	4	3	4	3
Floors, to repair or ventilate ... ..	34	19	18	18
Outbuildings, to repair... ..	21	11	7	6
Ovens, to repair or renew ... ..	...	...	...	...
Range, kitchen, to repair ... ..	3	1	...	...
Roofs, to repair ... ..	27	16	11	6
Scullery sinks, to repair ... ..	9	2	5	4
Scullery bench, to repair ... ..	8	4	4	4
Scullery sink trap, to repair ... ..	11	4	3	...
Set pot (fire grate) to repair or renew...	...	...	...	...
Spouting, to repair ... ..	19	10	10	6
Stairs (internal) to repair ... ..	1	1	1	1
Stairs (external) to repair or renew	5	5	1	...
Staircases, to cleanse ... ..	...	...	...	...
Walls (external) to repair ... ..	19	8	3	1
Walls (internal) to repair ... ..	40	10	13	19
Washhouse set-pots, to renew... ..	...	...	...	...
Water closet fittings (basins, etc., def.)	28	23	8	5
Windows (woodwork), to repair ...	10	3	5	5
Windows (sashcords), to renew ...	10	8	5	3
Water pipes, to repair ... ..	25	18	12	10
Yard surface, to repair... ..	8	4	3	3
Miscellaneous ... ..	...	...	...	1
<b>Total number of defects</b> ...	<b>377</b>	<b>190</b>	<b>156</b>	<b>116</b>
<b>Total number of notices</b> ..	<b>156</b>	<b>126</b>	<b>57</b>	<b>43</b>

## HOUSING.

### TABULAR STATEMENT FOR YEAR 1959.

HOUSES COMPLETED DURING THE YEAR.		With State Assistance.	Unaided.	Total.
(a) By Local Authority ...	Permanent	—	—	—
	Temporary	—	—	—
(b) By other Bodies or Persons	Permanent	—	1	1
	Temporary	—	—	—
				1

**IMPROVEMENT GRANTS — HOUSING ACT, 1949.**

	<i>No. of Separate Houses</i>
(a) Applications submitted to Local Authority during year ... ..	39
(b) Applications rejected ... ..	30
(c) Applications approved ... ..	9
(d) Total number of applications approved since inception of scheme ... ..	28

**HOUSES IN CLEARANCE AREA AND UNFIT HOUSES ELSEWHERE.**

**(A) HOUSES DEMOLISHED.**

(1) In clearance areas ... ..	20
(2) Not in clearance areas ... ..	22

**(B) UNFIT HOUSES CLOSED.**

(3) Under Sections 16(4), 17(1) and 35(1) Housing Act, 1957 ... ..	18
(4) Parts of buildings closed under Section 18, Housing Act, 1957 ... ..	4

**(C) UNFIT HOUSES MADE FIT AND HOUSES IN WHICH DEFECTS WERE REMEDIED.**

	By Owner	By Local Authority
(5) After informal action by Local Authority ... ..	126	—
(6) After formal notice under		
(a) Public Health Acts	6	8
(b) Sections 9 & 16 Housing Act, 1957 ... ..	49	3

**(D)—NUMBER OF HOUSES PERMANENTLY DISCONTINUED AS DWELLINGS AND NOT INCLUDED ABOVE ... .. Nil**

**HOUSING REPAIRS AND RENTS ACT, 1954.**

Since the commencement of the Act on the 30th August, 1954, 65 Certificates of Disrepair, and 42 Revocations of Certificates of Disrepair have been granted.

## RENT ACT, 1957

From the 6th July, 1957, when the Act came into operation until the 31st December, 1959, the following shows the number of Certificates applied for, and the Certificates granted.

## APPLICATIONS FOR CERTIFICATES OF DISREPAIR

(1)	Number of applications for certificates	...	...	179
(2)	Number of decisions not to issue certificates	...	...	1
(3)	Number of decisions to issue certificates	...	...	178
	(a) in respect of some but not all defects	...	...	56
	(b) in respect of all defects	...	...	122
(4)	Number of undertakings by landlords under paragraph 5 of the First Schedule	...	...	81
(5)	Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule	...	...	Nil
(6)	Number of Certificates issued	...	...	97

## APPLICATIONS FOR CANCELLATION OF CERTIFICATES

(7)	Applications by landlords to Local Authority for cancellation of certificates	...	...	34
(8)	Objections by tenants to cancellation of certificates	...	...	Nil
(9)	Decisions by Local Authority to cancel in spite of tenant's objection	...	...	Nil
(10)	Certificates cancelled by Local Authority	...	...	30
(11)	Certificates refused by Local Authority	...	...	4

## HOUSING—

The number of families rehoused in 1959 was 101, comprising :—

- 1 family containing inmates suffering from Tuberculosis.
- 14 families living as sub-tenants.
- 46 families living in overcrowded conditions.
- 17 pensioners housed in bungalows.
- 2 Possession Orders.
- 21 Clearance Area and Closing Orders.

In connection with applications for Council Houses, visits have been made by the Health Department staff in order to ascertain the condition of the house with a view to allocating " Points " under the Points Scheme.

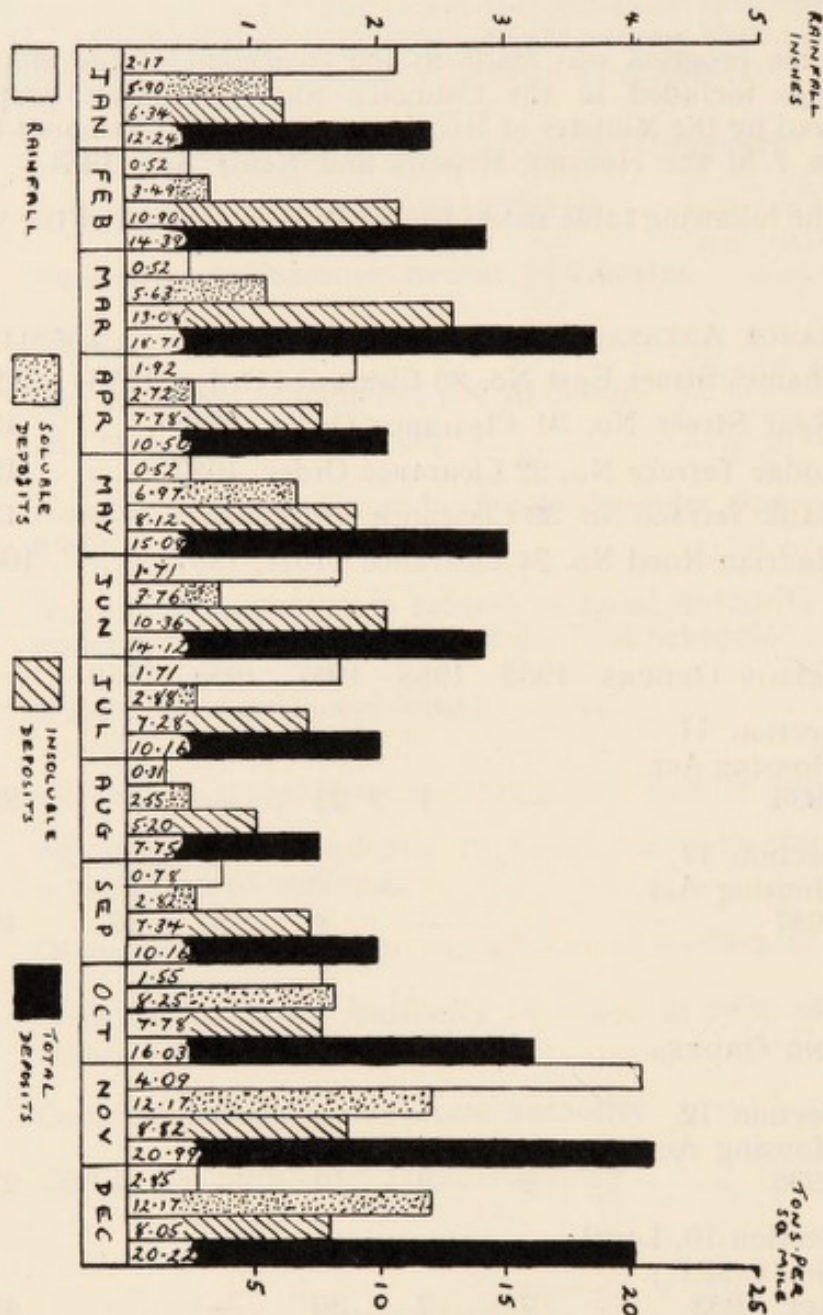
**SLUM CLEARANCE.**  
(Five Year Programme).

Some progress was made in the treatment of the 695 unfit dwellings included in the Council's Slum Clearance proposals approved by the Minister of Housing and Local Government under Section 1 of the Housing Repairs and Rents Act, 1954.

The following table shows the position at the end of the year.

CLEARANCE AREAS.						DWELLINGS.
Thames Street East No. 30 Clearance Order, 1956						119
Wear Street No. 31 Clearance Order, 1957	...					13
Lodge Terrace No. 32 Clearance Order, 1957	...					10
Bank Terrace No. 33 Clearance Order, 1957	...					13
Hadrian Road No. 34 Clearance Order, 1957	...					166
DEMOLITON ORDERS.	1955	1956	1957	1958	1959	
Section 11, Housing Act, 1936	—	1	22	—	—	23
Section 17, Housing Act, 1957	—	—	4	5	37	46
CLOSING ORDERS.						
Section 12, Housing Act, 1936	9	8	10	—	—	27
Section 10, Local Gov't (M.P.) Act, 1953	7	2	36	—	—	45
Section 17, Housing Act, 1957	—	—	1	26	1	28
Section 18, Housing Act, 1957	—	—	6	11	4	21
OUTSTANDING BALANCE						184
Total						695

SMOKE ABATEMENT.  
ATMOSPHERIC POLLUTION RECORD—1959.  
HEALTH CENTRE.



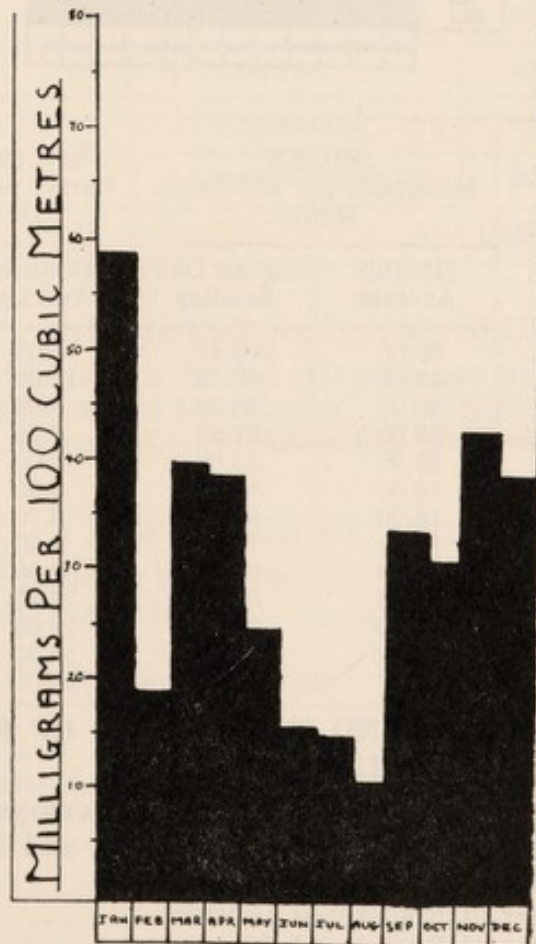
Comparison of the amount of matter deposited during the years 1957-1959 as measured with the Deposit Gauge at the Health Centre.

	1957	1958	1959
Total Rainfall in inches ... ..	24.29	30.64	18.65
Monthly Average ... ..	2.02	2.55	1.55
Total Solids in tons per sq. mile	165.74	185.24	170.36
Monthly Average ... ..	13.81	15.43	14.19
Insoluble Solids in tons per sq. mile	94.59	105.26	101.05
Monthly Average ... ..	7.88	8.77	8.42
Soluble Solids in tons per sq. mile	71.15	79.98	69.31
Monthly Average ... ..	5.92	6.66	5.78

## SMOKE FILTER AND VOLUMETRIC SULPHUR DIOXIDE APPARATUS.

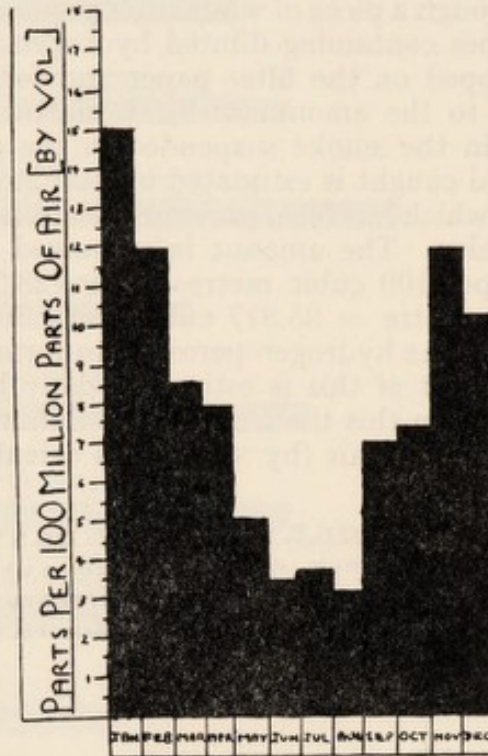
The above apparatus was fitted in the Health Department Office in July, 1954. During each period of 24 hours about 60 cubic feet of air from outside the building is drawn by means of a small electric pump through a piece of white filter paper and then through two bubbling tubes containing diluted hydrogen peroxide. Smoke particles are trapped on the filter paper and form a stain which varies according to the amount of tarry matter and other combustible matter in the smoke suspended in the atmosphere. The weight of material caught is estimated by matching the stain with a scale of shades which has been previously calibrated by matching with weighed stains. The amount is expressed in milligrams of smoke particles per 100 cubic metres of air (28,349 milligrams = 1 ounce; 1 cubic metre = 35.317 cubic feet). Sulphur dioxide in the air reacts with the hydrogen peroxide to form dilute sulphuric acid and the amount of this is estimated daily by titration with standard alkali. From this the amount of sulphur dioxide in parts per 100 million parts of air (by volume) is calculated.

SMOKE MEASUREMENTS  
MONTHLY AVERAGES MEASURED  
BY THE VOLUMETRIC APPARATUS  
AT THE HEALTH DEPT, TOWN HALL.



SULPHUR DIOXIDEMEASUREMENTS

MONTHLY AVERAGES MEASURED  
BY THE VOLUMETRIC APPARATUS  
AT THE HEALTH DEPT, TOWN HALL.



1959	SMOKE Milligrams per 100 Cubic Metres		SULPHUR DIOXIDE Parts per 100 million air by volume	
	Monthly Average	Highest Daily Reading	Monthly Average	Highest Daily Reading
JANUARY ...	69.00	206.43	15.00	48.36
FEBRUARY ...	19.00	92.15	12.00	24.76
MARCH ...	40.00	56.98	9.60	19.95
APRIL ...	39.00	61.87	8.00	16.04
MAY ...	25.00	55.00	5.00	10.03
JUNE ...	16.00	42.00	3.50	7.03
JULY ...	15.00	31.00	3.70	8.67
AUGUST ...	11.00	19.00	3.30	8.44
SEPTEMBER ...	34.00	67.00	7.00	16.30
OCTOBER ...	31.00	63.00	7.40	14.70
NOVEMBER ...	43.00	88.00	12.00	21.40
DECEMBER ...	39.00	74.00	10.30	24.50

**INSPECTION AND SUPERVISION OF FOOD.  
MILK SUPPLY.**

**THE MILK AND DAIRIES (GENERAL) REGULATIONS, 1959.**

The following is a summary of the Milk and Dairies Register at the end of 1959 :—

Number of Registered Dairies	...	...	1
Number of Registered Distributors	...	...	9





## ICE CREAM.

## THE ICE-CREAM (HEAT TREATMENT, ETC.) REGULATIONS, 1959.

These regulations which came into force on the 27th April, 1959 consolidate and amend the Ice-Cream (Heat Treatment, Etc.) Regulations, 1947 to 1952. The main amendments are to permit a sterilization process as an alternative to pasteurization and to exempt from the requirement as to pasteurization or sterilization certain types of water ices and ice lollies, which are sufficiently acid to make such treatment unnecessary. The latter have a pH value of 4.5 or less and there is little danger that pathogenic organisms will multiply in mixtures as acid as this. The appendix to circular 8/59 of the Ministry of Health sent with the regulations deals with the bacteriological examination of ice-cream.

During the year 11 samples of ice-cream were submitted to the Methylene Blue Reduction Test mentioned in the appendix. 8 of these were in Grade 1, 2 in Grade 2 and 1 in Grade 3.

## THE FOOD STANDARDS (ICE-CREAM) REGULATIONS, 1959.

These regulations also came into force on the 27th April, 1959 and replace the Food Standards (Ice-Cream) Order, 1953. They prescribe amended standards of composition for ice-cream and "Parev" (kosher) ice and introduce separate standards of composition for dairy ice-cream and milk ice. Alternative standards are prescribed for certain descriptions of ice-cream containing fruit, fruit pulp or fruit puree. Ice-Cream must contain not less than 5 per cent fat and  $7\frac{1}{2}$  per cent milk solids other than fat. Dairy ice-cream must contain 5 per cent milk fat and no other fat and not less than  $7\frac{1}{2}$  per cent milk solids other than fat. Milk ice must contain not less than  $2\frac{1}{2}$  per cent milk fat and no other fat and not less than 7 per cent milk solids other than fat.

During the year 7 samples of ice-cream were submitted to the Public Analyst and all conformed to the required standards.

## MEAT AND OTHER FOODS.

## SLAUGHTERHOUSES.

There is one licenced Slaughterhouse at 54 High Street East, Wallsend.

## CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle exc'lg. Cows	Cows	Calves	Sheep and lambs	Pigs	Horses
Number killed (if known) ...	61	2	—	581	—	—
Number inspected ...	61	2	—	581	—	—
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI—						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	47	1	—	342	—	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ...	77.05	50%	—	58.8	—	—
TUBERCULOSIS ONLY—						
Whole carcasses						
Condemned ...	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis ...	—	—	—	—	—	—
CYSTICERCOSIS—						
Carcasses of which some part or organ was condemned ...	—	—	—	—	—	—
Carcass submitted to treatment by refrigeration ...	—	—	—	—	—	—
Generalised and totally condemned ...	—	—	—	—	—	—

## UN SOUND FOOD.

The following unwholesome foodstuffs were condemned during the year :

	CWTS.	QRS.	LBS.
Mutton (home-killed) ... ..		2	7
Lambs Liver ... ..		1	2
Ham (tinned) ... ..	5	2	8
Chicken (tinned) ... ..			17
Chicken (frozen) ... ..			22
Meat (tinned) ... ..	2	0	1½
Corned Beef (tinned) ... ..	1	1	11
Sausage ... ..			2
Soup (tinned) ... ..		1	14
Fish (tinned) ... ..			16
Fish (frozen) ... ..			18½
Milk — 43 tins ... ..			
Fruit (tinned) ... ..	1	3	20
Fruit Juice (tinned) ... ..			6
Tomatoes (tinned) ... ..	1	1	10
Tomato Juice ... ..			7
Vegetables (tinned) ... ..		3	26
Vegetables (frozen) ... ..			7
Beans (tinned) ... ..			18
Jam ... ..			10
Spaghetti ... ..			1½
Creamed Rice ... ..			9
Cheese ... ..			12
Prunes ... ..		1	2
Puddings ... ..			5
Tongue ... ..			1
Pickles ... ..			0½
Jus Rol Pastry ... ..			20
Dairy Cream Sponges (frozen) ... ..			24
Beef Hamburgers (frozen) ... ..			3

Condemned meat is sent to an Artificial Manure Manufacturer, Newcastle.

## FOOD AND DRUGS ACT, 1955.

## SAMPLES TAKEN FOR ANALYSIS FOR THE YEAR, 1959

Sample of	No. of Samples	Genuine	Non-Genuine	Remarks.
Whiskey ... ..	2	2		
Rum ... ..	1	1		
Gin ... ..	1	1		
Beer ... ..	4	4		
Baking Powder ... ..	1	1		
Barley ... ..	1	—	1	Webbing, moth eggs and live mites present
Bicarbonate of Soda ... ..	1	1		
Butter ... ..	5	5		
Butter Mintoes ... ..	1	1		
Buttered Cheese ... ..	1	1		
Cake Mixtures ... ..	2	2		
Coconut, desiccated ... ..	1	1		
Coffee and Chicory Essence ... ..	1	1		
Compound Lemon, Glycerine and Honey Mixture ... ..	1	1		
Cornflour ... ..	2	2		
Cough Syrup ... ..	1	1		
Crab (dressed) ... ..	1	1		
Cream, double ... ..	1	1		
Cream, sterilised ... ..	1	1		
Epsom Salts ... ..	2	2		
Fish Cakes ... ..	2	2		
Fish Paste ... ..	1	1		
Flour, self-raising ... ..	1	1		
Glace Cherries ... ..	1	1		
Ice Cream ... ..	7	7		
Jam ... ..	2	2		
Jelly, Table ... ..	1	1		
Lard ... ..	1	1		
Lemon Curd ... ..	1	1		
Lemon Juice ... ..	1	1		
Luncheon Meat ... ..	2	2		
Margarine ... ..	2	2		
Meat Paste ... ..	2	2		
Milk ... ..	50	50		
Minced Chicken in jelly ... ..	1	1		
Mince-meat ... ..	1	1		
Minced Turkey in Jelly ... ..	2	2		
Non-brewed Condiment ... ..	2	2		
Orange Squash ... ..	1	1		
Pepper, white ... ..	2	2		
Rice ... ..	1	1		
Rice, ground ... ..	1	1		
Sage and Onion Stuffing ... ..	1	1		
Salmon, with butter, potted ... ..	1	1		
Sausage, beef ... ..	12	12		
Sausage, pork ... ..	4	2	2	1 deficient in meat 5.8. 1 deficient in meat 4.3.
Soup ... ..	4	4		
Suet, Beef shredded ... ..	1	1		
Sugar ... ..	1	1		
Tapioca ... ..	1	—	1	Unfit for human consumption contained mites.
Tea ... ..	2	2		
Tomato Ketchup ... ..	1	1		
Vinegar ... ..	3	3		
Vinegar, malt ... ..	1	1		
Walnuts (shelled) ... ..	2	2		
	150	146	4	

## MISCELLANEOUS

**Food and Drugs Act, 1955, Section 26.—Food Poisoning.**ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS  
(CORRECTED).

There was one isolated case of Food Poisoning reported during 1959.

## NATIONAL ASSISTANCE ACT, 1948, SECTION 47.

No action was necessary.

## NATIONAL ASSISTANCE ACT, 1948, SECTION 50.

During the year arrangements were made in accordance with the provisions of the above Section for the interment of the bodies of two persons who had died in Wallsend and for whom suitable provisions for burial had not been made.

## RIVERS (PREVENTION OF POLLUTION) ACT, 1951.

This act is administered by the Northumberland and Tyneside River Board.

## DISINFECTION.

Infected clothing, bedding, etc., is removed in a motor van for disinfection to the Disinfecting Station, Town Hall, Wallsend, where a Velox Steam Disinfector is installed.

Disinfection of premises was carried out as under :—

Tuberculosis ... ..	13
Other Infections ... ..	25

In addition, 56 lots of bedding and 183 blankets were dealt with.

## DISINFESTATION.

89 houses were disinfested during the year.

*Methods employed in Disinfestation.*—Infested households were treated with D.D.T. solutions.

## PUBLIC SWIMMING BATHS.

The Corporation provide a public swimming bath available for the public from March to December, for swimmers of both sexes. The water is from the mains supply and is heated and maintained at a temperature of 74 — 76 dgs. Fah., and a continuous filtration and chlorination is maintained, so that there is a complete change over of the water every eight hours. The bath water is tested thrice daily and chlorine regulated to maintain the standard of sterilization.

Wallace & Tiernan special chlorine apparatus is installed and chlorine is maintained at a standard of 1 to 2 parts per million of the water which is the sterilization standard recommended by the Ministry of Health.

## DISEASES OF ANIMALS ACTS.

THE DISEASES OF ANIMALS (WASTE FOODS) ORDER,  
1957

All piggeries in the Borough together with the plant and equipment used for boiling and sterilisation of waste food were inspected.

28 Licences have been granted.

## WARBLE FLY (DRESSING OF CATTLE) ORDER 1948

Publicity was given under this order.

## FOWL PEST

Support was given to the campaign for the Eradication of Fowl Pest by the display of posters provided by the Ministry of Agriculture, Fisheries, and Food.

## SWINE FEVER.

No cases occurred during the year.

THE REGULATION OF MOVEMENT OF SWINE ORDER,  
1954.THE REGULATION OF MOVEMENT OF SWINE (AMEND-  
MENT) ORDER, 1955.THE REGULATION OF MOVEMENT OF SWINE ORDER  
1959.

Movement Licences were issued in accordance with the above orders.

## ANTHRAX.

No cases of Anthrax occurred during the year.

THE ATROPHIC RHINITIS ORDER 1954 AND THE  
ATROPHIC RHINITIS (COMPENSATION) ORDER, 1954.

No cases were reported during the year in the Borough.

SANITARY CONDITION OF THEATRES,  
MUSIC HALLS, ETC.

As in previous years inspections have been made of public halls and cinemas in the Borough.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The above Act came into operation on the 31st March, 1950.

The Council employ a full-time Rodent Operator and the following summary shows the type of infestations dealt with during the year :—

TYPE OF INFESTATION				
Rats	Major	...	...	9
	Minor	...	...	129
Mice		...	...	147

SEWER MAINTENANCE TREATMENT

Two Sewer Maintenance Treatments were carried out, viz :—

Treatment No.	No. of Manholes Baited.	No. of Manholes showing Bait take.
28	88	14
29	124	40

SHOPS ACTS 1912 TO 1950.

The following Regulations are in force in the Borough relating to the Shops Act :—

The Wallsend (General) Weekly Half Holiday Order, 1912.

The Wallsend Ironmongers and Hardwaremen Closing Order, 1912.

The Fish and Poultry Dealers Weekly Half Holiday Order 1912.

The Wallsend Butchers Shops Closing and Weekly Half Holiday (Extension) Order, 1920.

The Wallsend Tobacconists (Hours of Closing) Order, 1928.

The Wallsend Shops (Sunday Trading Restriction Act 1936) Partial Exemption Order, 1938.

## RAG, FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

There are no premises in the Borough which require registration under the above Act, and no infringements have occurred during the year.

## PET ANIMALS ACT, 1951.

An inspection of all pet shops in the Borough was made during the year and four licenses were issued under the above Act.

The Act also provides that no person can carry on the business of selling animals as pets in any part of a street or public place, and no pets shall be sold to children under 12 years.

No infringements have been recorded during the year.

## PETROLEUM ACT.

### THE PETROLEUM (CONSOLIDATION) ACT, 1928.

The following licences were issued under the Petroleum Act :

Petrol	...	...	...	...	...	41
Carbide of Calcium	...	...	...	...	...	2
						<hr/>
						43
						<hr/>

The bulk of Petrol stored in the Borough is in underground tanks. The storage places are periodically inspected and infringement of the Petroleum Act is brought to the notice of the person concerned. By kind permission of the Chief Fire Officer of Northumberland County Fire Brigade, installations were inspected during the year by specially trained Fire Prevention Officers on his staff. Their advice and reports were of great assistance to everyone concerned.

Licences are renewed each year by the local authority.

### THE PETROLEUM SPIRIT (CONVEYANCE BY ROAD) REGULATIONS, 1957.

These Regulations came into force on the 1st July, 1957, and certificates as prescribed by the Regulations were supplied to Petroleum licence holders, and further supplies are available as required.



### FACTORIES ACT, 1937 & 1959.

#### 1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

PREMISES (1)	Number on Register. (2)	NUMBER OF		
		Inspections. (3)	Written Notices. (4)	Occupiers Prosecuted. (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authorities ... ..	7	9	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	113	74	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority* (excluding out-workers' premises) ...	22	24	—	—
* <i>i.e.</i> Electrical Stations, Institutions and sites of Building Operations and Works of Engineering Construction				
TOTAL ...	142	107	—	—

#### 2. CASES IN WHICH DEFECTS WERE FOUND.

PARTICULARS. (1)	NO. OF CASES IN WHICH DEFECTS FOUND.				Number of Cases in which Prosecu- tions were Instituted. (6)
	Found. (2)	Remedied (3)	REFERRED		
			To H.M. Inspector. (4)	By H.M. Inspector. (5)	
Want of Cleanliness (S.1.) ...	—	2	—	2	—
Overcrowding (S.2.) ...	—	—	—	—	—
Unreasonable Temperature (S.3.) ...	—	—	—	—	—
Inadequate Ventilation (S.4.) ...	—	—	—	—	—
Ineffective Drainage of Floors (S.6.) ...	—	—	—	—	—
Sanitary Conveniences (S.7.)					
(a) Insufficient ...	—	—	—	—	—
(b) Unsuitable or defective	—	2	—	2	—
(c) Not separate for sexes ...	—	—	—	—	—
Other Offences against the Act (not including offences relating to Outwork) ...	—	—	—	—	—
TOTAL ...	—	4	—	4	—

#### OUTWORK (SECTIONS 110 AND 111).

There are 5 Outworkers in the Borough. Four are engaged making Wearing Apparel and one in making paper novelties. The premises have been inspected and found satisfactory.

HEALTH SERVICES PROVIDED BY THE NORTHUMBERLAND COUNTY COUNCIL THROUGH THE WALLSEND AREA HEALTH SUB-COMMITTEE.

(The following information is included by kind permission of the County Medical Officer. This information, pages 39 to 44, is included in order to present as complete as possible a report on the health of Wallsend; the various services mentioned are provided by the Northumberland County Council and are not the direct concern of the Wallsend Borough Council).

TABLE A

WALLSEND AREA HEALTH SUB-COMMITTEE.

The Committee consists of 25 members, viz :—

Wallsend Borough Council ...	14
Northumberland County Council	8
Hospital Management Committee	1
Co-opted Members ... ..	2

Chairman : ALDERMAN J. RICHARDSON, J.P.

Vice-Chairman : COUNCILLOR D. SOWERBY.

ALDERMEN :

R. A. LOWDON.  
P. J. McARDLE, J.P.  
C. L. PALMER.

COUNCILLORS :

E. M. A. BROWN.  
P. J. KELLY.  
M. KINNON.  
J. H. McFADYEN.  
J. GOLDBERG.  
J. R. LYNN.  
G. W. SHIELD.  
J. C. GROGAN.  
E. HALLIBURTON.

(County Council Representatives)

ALDERMEN T. H. MALIA, J.P., J. MULLARKEY, J. A. McFADYEN ;  
COUNCILLORS T. BLACK, W. HOPPER, H. BELL ; (*Ex-officio*  
*Members*) ALDERMAN N. GARROW AND COUNCILLOR MISS M. E. S.  
FLEMING.

(Hospital Management Committee)

MR. R. E. SMEDLEY.

(Co-opted Members)

MRS. J. S. SAINT AND MRS. E. MAYBERRY.

TABLE B

STAFF.

Area Executive Medical Officer and Divisional School Medical Officer :

DR. G. McN. CUBIE.

Assistant Medical Officer :

DR. I. J. McLARTY.

Dental Officers :

MR. J. F. HORSEMAN.  
MR. C. D. ANDERSON.  
and 2 Dental Assistants.



## (c) SCHOOL CLINICS.

Daily at Health Centre, Wallsend and East End Park, Willington Quay, from 9—10 a.m.

Doctor in attendance at Wallsend on Wednesdays and at Willington Quay on Thursdays.

## (d) DENTAL CLINIC.

Daily at Health Centre and Willington Quay Clinic.

## (e) ORTHOPAEDIC AND OPHTHALMIC CLINICS.

The Orthopaedic Clinic is held on two days per week, both morning and afternoon.

The Ophthalmic Clinic is held one half-day twice or thrice per week.

## (3) SUMMARY OF ATTENDANCES AT MATERNITY AND CHILD WELFARE CENTRES.

	<i>Wallsend Centre.</i>	<i>High Farm Centre.</i>	<i>Willington Quay Centre.</i>	<i>Total.</i>
<b>NEW CASES.</b>				
Babies under one year ...	457	48	291	796
Babies over one year and under two years ...	18	—	9	27
Babies over two years and under five years ...	26	1	12	39
<b>OLD CASES.</b>				
Babies under one year ...	4927	493	2952	8372
Babies over one year and under two years ...	1294	134	609	2037
Babies over two years and under five years ...	1767	159	673	2599
Total Consultations by Doctors (New and Old Cases) ...	4119	212	2492	6823
Total Consultations by Health Visitors ...	4220	6325	1308	11,853

**ANTE AND POST-NATAL SUPERVISION.**

Ante-Natal—Number of expectant mothers supervised ...	1,553
Total number of attendances ...	7,390
Post-Natal—Number of mothers supervised ...	667
Total number of attendances ..	690

TABLE D

**DIPHTHERIA IMMUNISATION.**

Number of Children at 31st December, 1959, who had completed a course of immunisation at any time before that date (i.e. at any time since 1st January, 1945).

Age at 31.12.59 i.e. Born in Year	Under 1 1959	1 to 4 1958-1955	5 to 9 1954-1950	10 to 14 1949-1945	Under 15 Total
Last complete course of injections (whether primary or booster)	193	2325	3564	492	6574
A. 1955-1959					
B. 1954 or earlier	—	—	784	3614	4398
C. Estimated mid-year child population	928	3806	9110		13,844
Immunity Index 100A/C	20.8%	61.0%	44.5%		47.48%

TABLE E  
HOME HELPS.

Altogether 1 permanent and 96 temporary Home Helps were employed during the year and 318 cases (5 full time and 313 part time) were assisted.

TABLE F  
NURSERIES.

One Day Nursery for 29 children (9 under 2 years and 20 from 2 to 5 years) at Station Road, Wallsend, continued to operate. During the year there was an average daily attendance of children as follows :—

0—2 years	2
2—5 years	13
	—
	15
	—

### SCHOOL HEALTH SERVICE.

TABLE G  
MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS).

A.—PERIODIC MEDICAL INSPECTIONS.

Number of inspections in the prescribed Groups :— 3180

B.—OTHER INSPECTIONS.

Number of Special Inspections ... .. 1102  
Number of Re-inspections ... .. 1627

Total ... .. 2729

C.—PUPILS FOUND TO REQUIRE TREATMENT.

Number of Individual Pupils found at Periodic Medical Inspection to Require Treatment (excluding Dental Diseases and Infestation with Vermin).

GROUP (1)	For defective vision (excluding squint). (2)	For any of the other conditions recorded in Table H (3)	Total individual pupils. (4)
1954 and later ... ..	11	69	73
1953 ... ..	7	63	70
1952 ... ..	1	5	6
1951 ... ..	—	1	1
1950 ... ..	—	—	—
1949 ... ..	122	54	170
1948 ... ..	42	31	73
1947 ... ..	5	—	5
1946 ... ..	—	—	—
1945 ... ..	119	29	148
1944 ... ..	82	—	104
1943 and earlier ... ..	13	—	13
TOTAL ... ..	402	252	663

TABLE H

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE  
YEAR ENDED 31ST DECEMBER, 1959.

Code No. Defect	DEFECT OR DISEASE  (1)	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
		No. of Defects		No. of Defects	
		Requir- ing Treat- ment (2)	Requiring to be kept under observation, but not requiring treatment (3)	Requir- ing Treat- ment (4)	Requiring to be kept under observation, but not requiring treatment (5)
4	Skin ... ..	36	7	82	17
5	Eyes—				
	(a) Vision ... ..	402	120	888	198
	(b) Squint ... ..	44	3	21	7
	(c) Other ... ..	20	5	14	4
6	Ears—				
	(a) Hearing ... ..	8	2	35	4
	(b) Otitis Media ... ..	6	4	3	2
	(c) Other ... ..	12	7	—	5
7	Nose or Throat ... ..	31	32	48	42
8	Speech ... ..	15	13	33	20
9	Lymphatic Glands ... ..	—	2	—	1
10	Heart and Circulation ... ..	3	11	—	15
11	Lungs ... ..	18	32	4	69
12	Developmental—				
	(a) Hernia... ..	8	1	—	5
	(b) Other ... ..	12	14	4	16
13	Orthopaedic—				
	(a) Posture ... ..	—	6	4	24
	(b) Feet ... ..	26	21	18	39
	(c) Other ... ..	20	29	10	33
14	Nervous System—				
	(a) Epilepsy ... ..	7	2	1	4
	(b) Other ... ..	1	2	2	11
15	Psychological—				
	(a) Development ... ..	—	1	—	3
	(b) Stability ... ..	2	—	—	—
16	Abdomen ... ..	—	—	—	—
17	Other... ..	29	17	37	45

B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS  
INSPECTED DURING THE YEAR IN AGE GROUPS.

AGE GROUPS (1)	No. of Pupils Inspected (2)	Satisfactory	Unsatisfactory
		No. (3)	No. (4)
1954 and later ... ..	518	517	1
1953... ..	629	625	4
1952... ..	33	33	—
1951... ..	8	8	—
1950... ..	—	—	—
1949... ..	621	621	—
1948... ..	292	291	1
1947... ..	29	29	—
1946... ..	—	—	—
1945... ..	539	539	—
1944... ..	492	492	—
1943 and earlier ... ..	19	19	—
TOTAL ... ..	3180	3174	6

TABLE J

## INFESTATION WITH VERMIN.

(i) Total number of examinations in the schools by the school nurses or other authorised persons ... ..	24,366
(ii) Total number of individual pupils found to be infested ... ..	919
(iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944) ... ..	—
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944) ... ..	—
Number of individual pupils examined ... ..	—





